



# भारत का राजपत्र

## The Gazette of India

प्राप्तिकार से प्रकाशित

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No. 41] NEW DELHI, SATURDAY, OCTOBER 11, 1975 (ASVINA 19, 1897)

इस भाग में विभिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।  
Separate paging is given to this Part in order that it may be filed as a separate compilation.

### भाग III—खण्ड 2

### PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस  
Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE  
PATENTS AND DESIGNS  
Calcutta, the 11th October 1975

#### APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

4th September, 1975

1707/Cal/75. Schlumberger Overseas S.A. Shaped charge apparatus for the completion of wells, and in particular gas wells.

1708/Cal/75. Canadian Ingersoll-Rand Co., Ltd. Drum-type debarking apparatus including log deflector means.

1709/Cal/75. Texaco Development Corporation. Fuel gas from solid carbonaceous fuels.

5th September, 1975

1710/Cal/75. Siemens Aktiengesellschaft. Inverter circuitry.

1711/Cal/75. Siemens Aktiengesellschaft. A control electrode for high voltage electrical apparatus.

1712/Cal/75. The Dow Chemical Company. Method for purifying pentachlorophenol.

1713/Cal/75. J. A. Ivanov. Indicating multimeter.

1714/Cal/75. N. V. Philips' Gloeilampenfabrieken. Claw mechanism.

6th September, 1975

1715/Cal/75. Jyotsnamoy Chatterjee. A washing beater.

1716/Cal/75. Vasiliy Petrovich Dmitriev, A. M. Polyakov, A. G. Tomilin, and S. M. Shushpan. Fuel distribution arrangement.

1717/Cal/75. Biocel Corporation. Process of treating municipal solid waste to produce high quality paper pulp and fertilizer and products resulting from the process.

8th September, 1975

1718/Cal/75. Wacker-Chemtronic Gesellschaft fur Elektronik-Grundstoffe-mbH. Process for the quantitative removal of residual melts.

1719/Cal/75. Chinoi Gyogyszer Es Vegyeszeti Termekkel Gyara R. T. Process for the preparation of new tetrahydro isoquinoline derivatives. [Divisional date August 25, 1962].

9th September, 1975

1720/Cal/75. Westinghouse Electric Corporation. Circuit breaker with improved trip means.

1721/Cal/75. Elken-Spigerverket A/S. Improvements in or relating to gas collection in electrical smelting furnaces.

1722/Cal/75. Ugine Aciers. Free machining steel.

10th September, 1975

1723/Cal/75. Council of Scientific and Industrial Research. A process for producing precast ferrocement cylindrical units for use in structures like grain storage bins water tanks and pipes.

1724/Cal/75. Council of Scientific and Industrial Research. A process for obtaining the hydrocarbon fraction of the essential oil of cedrus deodara.

1725/Cal/75. Council of Scientific and Industrial Research. An improved process for smelting of lead.

1726/Cal/75. Showa Denko K. K. Method for manufacture of reduced pellets.

1727/Cal/75. Societe Francaise Des Produits Pour Catalyse. Catalysts for hydrocarbon conversion.

1728/Cal/75. Hoechst Aktiengesellschaft. Process for preparing new 3-aminoacylamino-thiophens. [Divisional date July 3, 1968].

1729/Cal/75. Hoechst Aktiengesellschaft. Process for preparing 3-aminoacylamino-thiophens. [Divisional date July 3, 1968].

1730/Cal/75. Hoechst Aktiengesellschaft. Process for preparing new 3-aminoacylamino-thiophens. [Divisional date July 3, 1968].

1731/Cal/75. Hoechst Aktiengesellschaft. Process for preparing new 3-aminoacylamino-thiophens. [Divisional date July 3, 1968].

1732/Cal/75. Hoechst Aktiengesellschaft. Process for preparing new 3-aminoacylamino-thiophens. [Divisional date July 3, 1968].

1733/Cal/75. Hoechst Aktiengesellschaft. Process for preparing new 3-aminoacylamino-thiophens. [Divisional date July 3, 1968].

1734/Cal/75. Etat Francais represented by the Ministerial Delegate for Armament. A power unit.

1735/Cal/75. Girling Limited. Improvements relating to spreading disc brakes. (October 11, 1974).

1736/Cal/75. Societe Anonyme Secmafer. Armoured assault car.

1737/Cal/75. Leca Trading & Concession A/S. A rotary kiln for producing a bloated clay product.

1738/Cal/75. Gould Inc. Maintenance-free battery.

1739/Cal/75. Gould Inc. Tertiary calcium-tin lead alloys for forming the negative grids of a lead-acid battery.

1740/Cal/75. Gould Inc. Maintenance-free battery and method for producing the current draw of such batteries.

1741/Cal/75. Mr. G. C Srivastava. A dry cell.

1742/Cal/75. Siemens Aktiengesellschaft. Improvements in or relating to sealing bodies for cable lead-ins. (June 2, 1975).

1743/Cal/75. Metallgesellschaft A.G. Reactor for the pressure gasification of coal.

1744/Cal/75. Eli Lilly and Company. Novel 1-(substituted benzoyl)-3-(substituted pyrazinyl) ureas.

APPLICATION FOR PATENTS FILED AT THE  
(BOMBAY BRANCH)

27th August, 1975.

233/Bom/75. A. S. Sapre. Improved rotary vane pump.

28th August, 1975

234/Bom/75. Timex Industries. Improved versatile clip.

235/Bom/75. Inventra. Closure for container.

236/Bom/75. Inventra. A novel closure.

APPLICATION FOR PATENTS FILED AT THE  
(MADRAS BRANCH)

28th August, 1975.

125/Mas/75. The Sirpur Paper Mills Ltd. An equipment for devaterring slurry.

126/Mas/75. The Sirpur Paper Mills Ltd. An equipment for fibralising paper bits.

127/Mas/75. The Sirpur Paper Mills Ltd. An equipment for wet pressing of paper web.

128/Mas/75. The Sirpur Paper Mills Ltd. An equipment for conveying solids in form of slurry in liquid media.

129/Mas/75. The Sirpur Paper Mills Ltd. An equipment for treatment of pulp fibres for paper making.

130/Mas/75. The Sirpur Paper Mills Ltd. An equipment for slushing pulp slurry and cooking agricultural residues.

ALTERATION OF DATE.

137901.

13902/Cal/74. Ante-dated to 3rd September, 1968.

137921.

1394/Cal/75. Ante-dated to 22nd March, 1966.

APPLICATIONS FOR PATENTS REFUSED

Application for Patent No. 116986 dated the 29th July, 1968 made by Fisons Pharmaceuticals Limited in respect of their invention entitled, "A method of preparing improved pharmaceutical powder compositions for oral inhalation" has been refused by the Joint Controller of Patents and Designs by his Order given on the 10th September, 1975.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four month of the date of this issue or within such further period not exceeding one month applied for on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 36 of the Patents Rules, 1972.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road Calcutta in due course. The price of each specification is Rs. 2 (Postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 32F. I.C.-CG7d 93/14.

87492

PROCESS FOR PREPARING NEW AZAPHENTHIAZINE DERIVATIVES

DEUTSCHE GOLD-SCHEIDEANSTALT VORMALS ROESSLER, OF 9, WEISSFREUENSTRASSE, FRANKFURT (MAIN), FEDERAL REPUBLIC OF GERMANY.

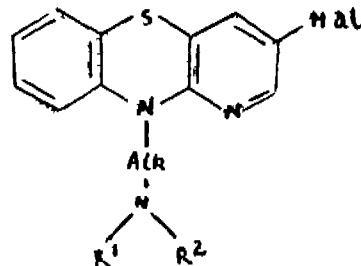
Application No. 87492 filed April 17, 1963.

Convention date March 22, 1963/(11460/63) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

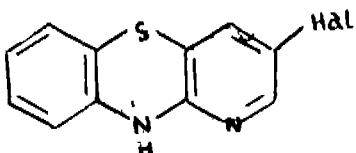
19 Claims.

A process for the preparation of the compounds of the formula shown in Figure 2.



wherein Hal represents a halogen atom, Alk represents a straight or branched alkene group with 1 to 6 carbon atoms,

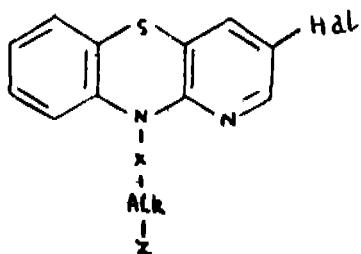
which may also be interrupted by an oxygen or sulphur atom and R<sup>1</sup> and R<sup>2</sup> represent hydrogen atoms, or like or different alkyl radicals, which may be closed with one another or with the group Alk to form a 5-, 6- or 7-membered ring, which may contain a further hetero atom, advantageously oxygen, sulphur or an NH group and which may further be substituted by one or more alkyl, acyl, aralkyl, hydroxyalkyl, alkoxy-alkyl, aralkoxyalkyl, acyloxy-alkyl and/or carboxylic acid amid groups, and quaternary ammonium compounds and salts thereof with acids comprising pharmaceutically-acceptable anions which comprises reacting a 4-azaphenothiazine of the formula shown in Figure 3.



with a compound of the formula



with elimination of hydrogen halide wherein Alk has the meanings as given above, Hal signifies chlorine or bromine and Z is chlorine, bromine or the group-NR<sup>1</sup>-R<sup>2</sup> to obtain a compound of formula shown in Figure 6A.



wherein Hal, Alk and Z have above given meanings; and when the said compound of formula shown in Figure 6A. Z is Hal, further reacting the same with a compound of formula



advantageously at elevated temperature in the presence of basic substance to obtain compounds of formula shown in Figure 2 and thereafter forming quaternary ammonium compounds and salts thereof with acids comprising pharmaceutically-acceptable anions.

CLASS 40-I & 152E. I.C.-CO7G 17/00. 95126

**A METHOD FOR PREPARING A REAGENT THE DETECTION OF HCG IN URINE.**

ORTHO PHARMACEUTICAL CORPORATION, AT RARITAN, NEW JERSEY, U.S.A.

Application No. 95126 filed August 10, 1964.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims. No drawings

A method for preparing a reagent containing synthetic resin particles capable of adsorbing protein, having HCG adsorbed on the resin particles used for the serological detection of HCG in urine, which comprises altering the HCG as to its physical characteristics while retaining its immunological characteristics, said alteration having been accomplished by applying both digestive enzymatic treatment and heat to a solution of HCG followed by adsorption of the altered HCG on the resin particles.

CLASS 32.+Fad & 55E. I.C.-CO7C 127/12. 96418

**PROCESS FOR THE MANUFACTURE OF BENZENE-SULFONYL-UREAS.**

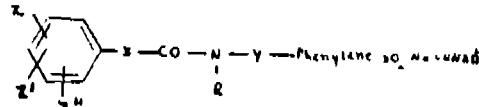
HOECHST AKTIENGESELLSCHAFT, OF 6230 FRANKFURT/MAIN 80, WEST GERMANY.

Application No. 96418 filed November 6, 1964.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims.

Process for the manufacture of benzenesulfonyl-ureas of the formula shown in Fig.1, in which.



R represents hydrogen, a lower alkyl or lower phenylalkyl  
R' represents :

- (a) alkyl, alkenyl or mercapto-alkyl or 2-8 carbon atoms;
- (b) alkoxyalkyl, alkyl-mercaptoalkyl or alkyl-sulfinyl-alkyl having 4-8 carbon atoms of which at least 2 belong to the alkylene-part of the alkoxyalkyl, alkyl-mercaptoalkyl or alkyl-sulfinyl alkyl;
- (c) lower phenylalkyl, phenylcyclopropyl;
- (d) lower cyclohexylalkyl, cycloheptylmethyl, cycloheptylethyl or cyclooctylmethyl;
- (e) endoalkylene-cyclohexyl, endoalkylene-cyclohexenyl, endoalkylene-cyclohexenyl, or endoalkylene-cyclohexenylmethyl with 1-2 carbon atoms in the endoalkylene part;
- (f) lower alkylcyclohexyl, lower alkoxyhexyl;
- (g) cycloalkyl of 5-8 carbon atoms;
- (h) cyclohexenyl, cyclohexenylmethyl;
- (i) a heterocyclic ring with 4-5 carbon atoms and 1 oxygen atom or 1 sulfur atom as well with up to 2 ethylenic double linkages, or
- (j) a heterocyclic ring linked to the nitrogen atom by means of a methylene group and containing 4-5 carbon atoms, 1 oxygen atom or 1 sulfur atom and up to 2 ethylenic double linkages;

X represents a single chemical linkage or a bridge member of 1 to 6 carbon atoms and, if desired, one of the groups -O-, -S-, -SO-, or -SO<sub>2</sub>-;

Y stands for a hydrocarbon chain containing 1-4 carbon atoms;

Z stands for hydrogen lower alkyl, lower alkoxy, halogen, cycloalkoxy having 5-6 carbon atoms, cyclohexyl, lower alkyl-mercapto, lower alkylsulfinyl, lower alkylsulfonyl, phenylsulfonyl, phenyl, lower phenylalkyl, lower acyl, benzoyl, trifluoromethyl, hydroxy, lower, acyloxy benzoyloxy, carboxy, lower carbalkoxy, nitrile carbamyl, lower alkyl-carbamyl, lower dialkyl-carbamyl or nitro; Z' and Z'' independently of each other represent hydrogen or, if Z stands for hydrogen, hydroxy, carboxy, alkyl, alkoxy or halogen, likewise lower alkyl lower alkoxy or halogen, or if Z stands for hydrogen-Z' and Z'' together represent the methylenedioxy-group -O-CH<sub>2</sub>-O- or, if desired, their salts which process consists in reacting a compound of the formula R'-A with a compound of the formula shown in Fig II.



Wherein one of the members A and B is an amino group or an amine salt group and the other of the members A and B is an isocyanate, carbamic acid ester, thio carbamic acid ester, carbamic acid halide or urca group and R, R', X, Y,

Z, Z' and Z'', have the above stated meanings, and treating the product thus obtained with alkaline agents such as herein before described, if salt formation is desired.

CLASS 83A. I.C.-A23K, 1/16, 1/17, 1/18. 101687

PROCESS FOR THE PREPARATION OF ANIMAL FEEDS FOR THE USE OF DOMESTIC ANIMALS.

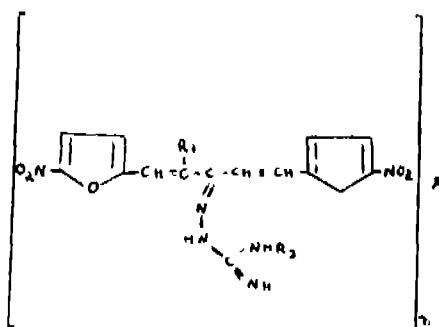
TOYAMA KAGAKU KOGYO KABUSHIKI KAISHA, OF 1-18, NIHONBASHI-KAYABACHO, CHUO-KU, TOKYO, JAPAN.

Application No. 101687 filed September 23, 1965.

Appropriate office for opposition Proceedings (Rule 4 Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A process for the preparation of an animal feed characterized by the steps of admixing (1) a bis-(5-nitrofurfurylidene)-acetone guanyl-hydrazone or its acid addition salt having the formula shown in Fig. 1.



in which R<sub>1</sub> is hydrogen, lower alkyl or halogen, R<sub>2</sub> is hydrogen or lower alkyl, X is an acidic group, and n is 1, 2 or 3 with the proviso that when X is a monobasic acid n is 1; when X is dibasic n is 1 or 2 and when X is tribasic n is 1, 2 or 3; (2) a tetracycline antibiotic selected from the group consisting of chlorotetracycline, tetracycline oxytetracycline and acid addition salts therof and (3) conventional constituents of animal feed.

CLASS 55E. I.C.-A61K 21/00. 105410

PROCESS FOR PREPARING THREE COMPONENT TETRACYCLIC ANTIBIOTIC COMPOSITION.

AMERICAN CYANAMID COMPANY, AT WAYNE NEW JERSEY, UNITED STATES OF AMERICA.

Application No. 105410 filed May 23, 1966.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims: No drawings.

A process for preparing a three component tetracycline antibiotic composition having enhanced antibacterial activity comprising mixing or blending together (A) tetracycline or oxytetracycline, (B) chlorotetracycline, and (C) demethyl-chlorotetracycline or methacycline with a pharmaceutically acceptable carrier in such a proportion that the components are present in the ratio of 1 : 1 : 0.6 for the components A, B and C.

CLASS 32F-a. I.C.-C07C 49/64. 113920

A METHOD OF PREPARING NEW TRIMETHYLHYDROQUINONE DERIVATIVES.

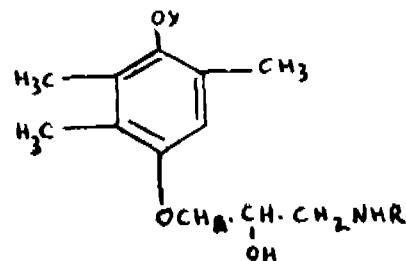
SPOFA, SPOJENA PODNIKY PRO ZDRAVOTNICKOU VYROBU, SPOJENA CZECHOSLOVAKIA.

Application No. 113920 filed January 4, 1968.

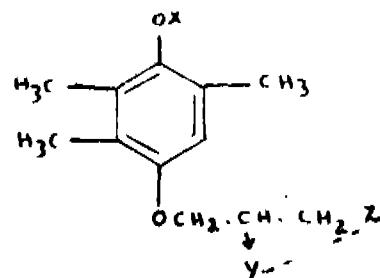
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A method of preparing new trimethylhydroquinone derivatives of the general formula I, as shown in Fig. 1.



wherein X stands for a hydrogen atom, or for a residue of a monocarboxylic aliphatic or aromatic acid with 2 to 18 carbon atoms, and R stands either for a hydrogen atom, or for an alkyl- or aralkyl residue with 1 to 13 carbon atoms, and of the addition salts thereof with inorganic or organic acids, characterized in that a compound of the general formula II as shown in Fig. 2.



wherein X signifies the same as in the formula I, Y stands for a hydroxyl, and Z stands for a halogen atom, especially chlorine, bromine or iodine, or wherein Y and Z form together an oxygen bridge -O-, is reacted with an amino compound of the general formula III:

NH<sub>2</sub>R

wherein R has the same meaning as in the formula I, or with a compound capable of yielding on hydrolysis an amino compound of the general formula III, wherein R stands for a hydrogen atom, such as phthalimide or a metallic derivative thereof, e.g. phthalimide potassium, succinimide, or hexamethylene tetramine, whereupon the trimethyl-hydroquinone derivative is converted, to an addition salt by neutralization with an inorganic or organic acid.

CLASS 55E. I.C.-A61b 1/00. 123307

PROCESS FOR PREPARING-COMPOSITION FOR USE IN A DIAGNOSTIC REAGENT STRIP FOR TESTING ALBUMIN IN URINE.

SCIENTIFIC ADVISER TO THE DEFENCE MINISTER, GOVERNMENT OF INDIA, MINISTRY OF DEFENCE-NEW DELHI, INDIA.

Application No. 123307 filed September 25, 1969.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims. No drawings.

A process for preparing composition for use in a diagnostic reagent strip which comprises admixing bromophenol blue, caustic soda, sodium citrate, citric acid and alcohol in admixture with water.

CLASS 32C. I.C. C12d. 13/06. 123983

PROCESS FOR PRODUCING PROTEINS AND AMINO ACIDS.

MOBIL OIL CORPORATION, OF 150 EAST 42ND STREET, NEW YORK, STATE OF NEW YORK, UNITED STATES OF AMERICA.



CLASS 55E. I.C.A61K 9/04.

132768

## A PROCESS FOR PREPARING PHARMACEUTICAL COMPOSITIONS.

THE NORWICH PHARMACAL COMPANY, OF 17 EATON AVENUE, NORWICH, NEW YORK 13815, UNITED STATES OF AMERICA.

Application No. 132768 filed September 3, 1971.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims. No drawings

A process for preparing a composition in pharmaceutical capsule dosage form comprising mixing:

Sodium 1-[5-6 p-nitrophenyl furfurylidene amino] hydantoin	25-100 mg.
Lactose	126-232 mg.
Starch	20-35 mg.
Talc	10-20 mg.
Magnesium Stearate	5-10 mg.

CLASS 32E &amp; 34A. I.C.-C08G 20/12. 137893

## POLYMERIZATION OF CAPROLACTAM.

ROHM AND HAAS COMPANY, OF INDEPENDENCE MALL WEST, PHILADELPHIA, PENNSYLVANIA 19105, UNITED STATES OF AMERICA.

Application No. 1541/72 filed September 29, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims. No drawings

A process for the preparation of caprolactam polymer which comprises melt polymerising caprolactam with a dilithium salt of unsubstituted 3, 5-disulfonybenzoic acid moiety as hereinbefore defined, in a reactor.

CLASS 50B. I.C.-C22b 10/08, C22b 17/02. 137894

## A METHOD OF PRODUCING ZINC VAPOUR OR CADMIUM VAPOUR.

METALLURGICAL PROCESS LIMITED, AT TRUST CORPORATION OF BAHAMAS BUILDING, WEST BAY STREET, NASSAU, BAHAMAS, AND ISC SMELTING LIMITED, OF AUSTRAL HOUSE, BASINGHALL AVENUE, E.C. 2, IN THE CITY OF LONDON, ENGLAND.

Application No. 1989/72 filed November 24, 1972.

Convention date November 29, 1971/(55291/71) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

26 Claims

A method of producing zinc vapour or cadmium vapour wherein condensation of the vapour is effected by passing the vapour through a spray of molten lead droplets produced by the mutual impingement of at least two continuous streams of molten lead.

CLASS 40H. I.C.-B01d 53/02, B01d 53/04, B01d 53/14. 137895

## SELECTIVE ADSORPTION PROCESS FOR AIR SEPARATION.

UNION CARBIDE CORPORATION, LOCATED AT 270 PARK AVENUE, NEW YORK, STATE OF NEW YORK 10017, UNITED STATES OF AMERICA.

Application No. 151/Cal/73 filed January 22, 1973.

Addition to No. 133408.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

In an adiabatic pressure swing process for air separation by selectively adsorbing nitrogen alternately in at least three zeolitic molecular sieve adsorption beds at ambient temperature by introducing feed air to the inlet end of a first adsorption bed at highest superatmospheric pressure, discharging oxygen from the discharge end and introducing at least part of the oxygen to a purged bed for partial repressurization thereof, releasing additional oxygen from the first bed discharge end thereby cocurrently depressurizing said first bed and terminating such cocurrent depressurization when the first bed is at lower super-atmospheric pressure, discharging one part of said oxygen from the first bed as product and returning the balance of said oxygen for repressurization and purging of other adsorption beds, releasing waste gas from the first bed inlet end thereby counter-currently depressurizing same, introducing oxygen gas from another adsorption bed discharge end to the first bed discharge end as purge gas and flowing same therethrough at a lowest superatmospheric pressure for desorption of the nitrogen adsorbate and discharging the nitrogen adsorbate-containing purge gas from the first bed inlet end as waste, gas introducing oxygen gas from the discharge end of an other-than-first adsorption bed and at above said lowest super-atmospheric pressure to the purged first bed for at least partial repressurization thereof, the improvement characterized by introducing said feed air to said first bed at highest superatmospheric pressure of 40-105 psia, and terminating said cocurrent depressurization at a lower superatmospheric pressure of 16-40 psia, with the feed air to cocurrent depressurization termination pressure ratio being at least 1.5 and maintaining an oxygen mass relationship of feed gas oxygen: oxygen gas from the first bed discharge end: oxygen return gas of 1:5—13.5: 4—13.1.

CLASS 5+C. I.C.-A01d 75/02. 137896

DEVICE FOR ATTACHING AND CLAMPING OF HARVESTING ACCESSORIES ON HARVESTING MACHINES, PARTICULARLY OF A HARVESTING OR CORN-COLLECTING ACCESSORY ON THE INCLINED CONVEYOR OF HARVESTER THRESHERS.

DEERE & COMPANY, MOLINE, ILLINOIS, U.S.A.

Application No. 1858/Cal/73 filed August 10, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims

Device for attaching and clamping of harvesting accessories to harvesting machines, particularly of a harvesting or corn-collecting accessory on the inclined conveyor of harvester threshers, for which the ends facing each other of the equip-

ments to be fastened dare provided with coupling elements for engagement, whereof the coupling elements arranged at the bottom of the harvesting accessory can be clamped to the machine, characterised in that, that on the harvesting accessory at least one coupling bolt is provided with during coupling operation penetrates through a front side opening of the inclined conveyor and can be clamped by means of a fork shaped clamping element provided on a rail on the inclines conveyor, the rail being displaceable across the direction of movement and lockable in a position..

CLASS 206E. I.C.-H04b 3/00.

137897.

SMALL SIZED JUNCTION CIRCULATORS AND ISOLATORS USED IN UHF AND MICROWAVE SYSTEMS, RADAR TECHNICS AND IN MEASUREMENT SETS.

TAVKOZLESI KUTATO INTEZET, OF 65, GABOR ARON UTCA, BUDAPEST-II, HUNGARY.

Application No. 2100/Cal/73 filed September 13, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A junction circulator and isolator incorporating ferrite or garnet bodies or materials with asymmetric permeability tensor characterized in that in the junction of the transmission lines ferrite or garnet body or bodies have been inserted whose smallest dimensions perpendicular to the direction of D.C. magnetization between the junction point of the transmission lines and the side edge of the ferrite body is less than

the value of  $1.84/\omega\sqrt{\mu_{eff}}$  where  $\omega$  denotes the centre radian frequency of the circulator isolator,  $\mu_{eff}$  is the microwave effective permeability of the ferrite or garnet, and  $\epsilon$  stands for the dielectric constant of the ferrite or garnet, further than the ferrite or garnet body is, in the immediate environment of the surface of the ferrite or garnet body,—except the surfaces perpendicular to the direction of D.C. magnetization—or in an environment of less than  $\lambda/8$  of the wavelength ( $\lambda$ ) defined by the centre frequency of application, along at least 50 per cent. of the perimeter of the smallest plane section perpendicular to the direction of D.C. magnetization, of the ferrite or garnet body, surrounded in the transmission lines by a capacitor, capacitors and/or socalled quasi-capacitors and/or a capacitive wall.

CLASS 119D. I.C.-D03J 5/06.

137898.

CARRIERS FOR WEFT INSERTION BY THE RAPIER PRINCIPLE WITH POSITIVE GRIPPING FOR SHUTTLELESS LOOMS.

SOCIETE ALSACIENNE DE CONSTRUCTIONS MECANIQUES DE MULHOUSE, OF 1 RUE DE LA FONDERIE, 68054 MULHOUSE CEDEX, FRANCE.

Applicant No. 2281/Cal/73 filed October 15, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A carrier for weft insertion by the rapier principle in a shuttleless loom, said carrier having two independent gripper units subject to the action of a differential control system.

CLASS 206E + G. I.C.-H03K 5/12.

137899.

PULSE SHAPING CIRCUIT.

BURROUGHS CORPORATION, AT BURROUGHS PLACE, DETROIT, MICHIGAN 48232, UNITED STATES OF AMERICA.

Application No. 2468/Cal/73 filed November 9, 1973.

Convention date October 19, 1973/(48803/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A pulse shaper circuit for transforming distorted pulses into clean pulses of minimum duration comprising:

means for detecting a voltage threshold level and an absence thereof;

means associated with said detecting means for generating a first pulse when said threshold is detected;

means connected to said detecting means and said first generating means for gating through said detected threshold absence when said first pulse has decayed;

means associated with said gating means for generating a second pulse when said threshold absence is gated through;

means associated with said second generating means for passing an enabling signal when said second pulse has decayed; and

means responsive to said first generating means for initiating the leading edge of a clean pulse when said leading edge of said first pulse is generated and responsive to said passing means for initiating the trailing edge of said clean pulse when said enabling signal is passed.

CLASS 95-I. I.C.-B25b 7/22.

137900.

IMPROVEMENTS RELATING TO HAND TOOLS.

ELLIOTT-LUCAS LIMITED, OF CHURCHBRIDGE WORKS, CANNOCK, STAFFORDSHIRE, ENGLAND.

Application No. 2633/Cal/73 filed November 29, 1973.

Convention date January 5, 1973/(721/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

A hand tool of the kind comprising a pair of lever handles pivoted together and extending beyond the pivot to form a pair of jaws, characterised by the provision of at least external lateral surfaces on the handles which are of constant profile and dimensions.

CLASS 32F.b. I.C.-C07d 99/16.

137901.

PROCESS FOR THE PREPARATION OF PENICILLIN COMPOUNDS.

BRISTOL-MYERS COMPANY, AT 630 FIFTH AVENUE, NEW YORK, NEW YORK, UNITED STATES OF AMERICA.

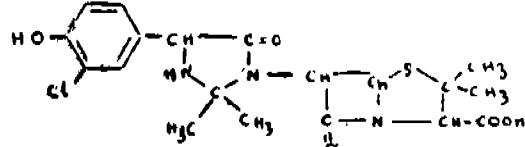
Application No. 1902/Cal/74 filed August 23, 1974.

Division of Application No. 117,534 filed September 3, 1968.

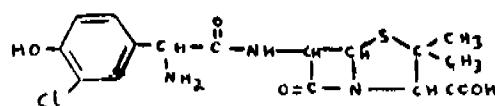
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A process for the preparation of compounds of the formula I.



and the pharmaceutically acceptable salts thereof; which process comprises reacting compound of Formula II.



with acetone at a pH of from about 5 to 9, at a temperature of from -20°C. to 50°C., in the absence of a substantial amount of water.

CLASS 76-I. I.C.-C05C 11/00.

137902.

ROTARY BAR GUIDE ASSEMBLY FOR ROTARY BAR DOOR LOCKING MECHANISM.

WHITE WELDING AND MFG., INC. OF 7640-60TH AVENUE, KENOSHA, STATE OF WISCONSIN 53141, UNITED STATES OF AMERICA.

Application No. 142/Cal/73 filed January 19, 1973

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

10 Claims

A rotary bar guide assembly for a rotary bar door locking mechanism comprising, a backing plate having a first planar portion adapted to be seated against a door panel and a second generally planar portion offset forwardly of said first planar portion and spaced from the plane of said door panel adjacent a horizontal edge of said door panel, a mating front guide plate having a generally semi-cylindrical vertically disposed central portion whereby to accommodate a portion of a rotary bar between said central portion and said backing plate and having a pair of side flanges adapted to be seated flush against said backing plate along the side edges thereof, a portion of said guide plate side flanges being forwardly offset complementary to said offset portion of said backing plate, the offset portion of said backing plate having a horizontally disposed slot to receive a portion of an annular lip formed on said rotary bar and a plurality of aligned bores provided in the non-offset portions of said guide plate side flanges and said non-offset side edges of said backing plate so that same may be bolted together and to said door panel.

CLASS 107H. I.C.-F02m 59/32

137903

FUEL PUMP.

STANADYNE, INC., OF 92, DEERFIELD ROAD, WINDSOR, CONNECTICUT, UNITED STATES OF AMERICA.

Application No. 1215/Cal/73 filed May 23, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A fuel injection pump comprising a housing having a bore and a cavity filled with liquid under low pressure, a distributor rotor journalled in the bore and having an extension projecting into said cavity, said projection having a transverse bore therethrough, a pair of pumping plungers having their outer ends exposed to the pressure in said cavity slidably mounted in said bore for receiving metered charges of fuel therebetween, a drive shaft having a driving connection with said rotor in said cavity and axially movable relative thereto, a bearing mounted by said housing for supporting said shaft, said bearing being axially fixed with respect to said shaft and axially movable with respect to the housing, and a spring engaging said bearing to bias said shaft toward said rotor to prevent pulsations of fuel pressure in said cavity due to axial oscillations of said shaft.

CLASS 80F & 201D. I.C. C02 3/02.

137904.

WATER PURIFICATION MEANS AND METHOD FOR PURIFYING WATER USING THE SAME.

THE CARBORUNDUM COMPANY, AT 1625 BUFFALO AVENUE, NIAGARA FALLS, NIAGARA COUNTY, STATE OF NEW YORK, UNITED STATES OF AMERICA.

Application No. 1335/Cal/73 filed June 7, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims. No drawings

A filter medium for the purification of water comprising successively an activated carbon filter, a cellulose acetate fibre filter, said cellulose acetate fibre filter having been treated with a hydrolyzing agent, and a reverse osmosis membrane.

CLASS 34A, 145C & 155D. I.C.-B29J 5/00. 137905.

PRODUCTION OF FIBROUS SHEET MATERIAL AND APPARATUS FOR FORMING THE SAME.

KARL KROYER ST. ANNE'S LIMITED, OF ST. ANNE'S ROAD, BRISLINGTON, BRISTOL, BS4 4AD, ENGLAND.

Application No. 1549/Cal/73 filed July 3, 1973.

Convention date July 8, 1972/(32098/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

22 Claims

A process for the production of a sheet of fibrous material e.g. paper or paperboard comprising dry-laying a web of fibres onto a permeable band, moistening the fibrous web and consolidating the web by repeatedly pressing the moistened fibrous web by pressure rolls against a heated surface whilst it is maintained in continuous contact with the heated surface by a supporting band.

CLASS 55D. I.C.-A01n.

137906.

METHOD FOR MAKING NON-CORROSIVE CUPRAMONIUM FUNICIDE.

MINERAL RESEARCH AND DEVELOPMENT CORPORATION, AT CHARLOTTE, NORTH CAROLINA, UNITED STATES OF AMERICA.

Application No. 2586/Cal/74 filed November 21, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims. No drawings.

A method for producing a substantially non-corrosive cuprammonia complex solution characterized by reacting at atmospheric temperature and pressure copper acetate in an aqueous ammonia solution containing ammonium acetate at a pH between about 7.1 to 7.4, said reaction proportions being in amounts to provide an aqueous solution having a copper content of about 8 to 8.2 per cent by weight.

CLASS 32F,a — F,b. & 40F. I.C.-C07C 51/00, B01J.

137907.

PREPARATION OF METAL SALT SLURRIES FROM METAL SALT SOLUTIONS.

PHILIPS PETROLEUM COMPANY, OF BARTLESVILLE, STATE OF OKLAHOMA, UNITED STATES OF AMERICA.

Application No. 1405/72 filed September 13, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims. No drawings.

A process for producing a slurry of a solid metal salt of a carboxylic acid in a liquid dispersant, which process comprising forming a solution of said metal salt as herein defined in water, contacting said solution with said dispersant as herein defined in a mixing zone to form a mixture of said solution and said dispersant, treating said mixture in an evaporation zone wherein said mixture is sufficiently heated such that said water is substantially vaporized from said mixture to thereby form said slurry, and thereafter removing said slurry from said evaporation zone.

CLASS 3A. I.C.-C02d 1/04.

137908.

AERATION DEVICE FOR THE SURFACE AERATION OF LIQUIDS.

JOSEPH RICHARD KAELIN, OF VILLA SEEBURG, CH-6374 BUOCHS, SWITZERLAND.

Application No. 1595/72 filed October 7, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims.

Aeration device for the surface aeration of liquids, particularly water, with a supporting structure for the surface aeration rotor provided with supporting legs underneath to support the rotor bearing and drive unit, characterised in that the supporting legs are forked at the rotor bearing unit end and are hinged with a cage-like supporting frame surrounding the rotor bearing unit for height adjustment, and that adjusters

to alter the position of the supporting legs with respect to the rotor bearing unit are provided on the supporting legs as well as above or below the axis of rotation of the latter on the supporting frame.

CLASS 39N. I.C.-C01b 17/64. 137909.

METHOD FOR PRODUCING ANHYDROUS SODIUM DITHIONITE.

SUMITOMO CHEMICAL COMPANY LTD., OF 15, KITAHAMA-5-CHOME, OSAKA, JAPAN.

Application No. 2134/72 filed December 12, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims. No drawings.

In a process for producing anhydrous sodium dithionite according to the formate process using sodium formate, an alkaline agent as herein described and sulfur dioxide an improvement which comprises using.

1. sodium formate having iron content of upto 50 ppm based on a 50% (by weight) aqueous solution containing chromium and nickel;
2. an alkaline agent as herein described having iron content of upto 30 ppm based on a 50% (by weight) aqueous solution containing chromium and nickel and a;
3. methanol solution of sulfur dioxide having iron content of upto 10 ppm based on a 25% (by weight) solution containing chromium and nickel.

CLASS 70A+C<sub>8</sub>, I.C.— 137910.

PROCESS FOR PRODUCING CHLORINE.

FARBWERKE HOECHST AKTIENGESELLSCHAFT VORMALS MEISTER LUCIUS & BRUNING, OF 45, BRUNINGSTRASSE, FRANKFURT/MAIN, FEDERAL REPUBLIC OF GERMANY.

Application No. 2148/72 filed December 13, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

An improved process for producing chlorine by electrolysis of alkali metal chloride in an electrolytic cell with flowing mercury, cathode characterised in bringing an anode or a group of anodes close to the cathode until the ratio of the variation of the amplitude of the characteristic alternating voltage or current occurring with a small electrode distance to the variation measured in the same time interval of the direct cell voltage or current has reached a limiting value such as herein defined.

CLASS 83B<sub>8</sub>, I.C.-A23K 1/00, A23K 1/16, A23K 3/03.

137911.

A METHOD FOR PREPARING A COMPOSITION FOR INHIBITING OR PREVENTING MICROBIAL ACTIVITIES

NAREMCO, INC. OF 1724 MT. VERNON, SPRINGFIELD, MISSOURI, U.S.A. 65806,

277GI/75

Application No. 497/Cal/73 filed March 6, 1973

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims. No drawings.

A method for preparing a composition for inhibiting or preventing microbial activity, fungi and mould growth in animal and poultry feeds, comprising mixing a finely-divided, non-toxic, acid treated, mineral carrier such as hereinbefore described with methylrosaniline chloride.

CLASS 39B, 70C, & 139C, I.C.-C01d 1/06, C01b 7/06.

137912.

ESTABLISHING AND CONTROLLING ELECTROLYTE CONCENTRATIONS IN MEMBRANE CELLS FOR THE ELECTROLYSIS OF AN AQUEOUS SODIUM CHLORIDE SOLUTION.

DIAMOND SHAMROCK CORPORATION, AT 300 UNION COMMERCE BUILDING, CLEVELAND, OHIO, U.S.A.

Application No. 514/Cal/73 filed March 8, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

In a process for the electrolysis of an aqueous sodium chloride solution in an electrolytic cell, the anode and cathode compartments of which are separated by an electrolytically-conductive, hydraulically impervious, cation permselective membrane, the improvement which consists essentially of establishing as hereinbefore described an initial sodium hydroxide concentration in the catholyte within the range of 31-43 percent, and maintaining said sodium hydroxide concentration within said range by controlling as hereinbefore described the average sodium chloride concentration of the anolyte within the range of 120-250 grams per litre, the sole source of water to the catholyte being that transported through said membrane.

CLASS 34D, I.C.-C08b 5/02.

137913.

A PROCESS FOR THE RECOVERY OF NITROCELLULOSE FROM THE FILTRATE OBTAINED AFTER THE NITRATION OF CELLULOSE AND AN APPARATUS THEREFOR.

SOCIETE NATIONALE DES POUDRES ET EXPLOSIFS, OF 12, QUAI HENRI IV, 75181 PARIS CEDEX 04, FRANCE.

Application No. 1620/Cal/73 filed July 11, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A process for the recovery of nitrocellulose from the filtrate obtained by filtering nitrocellulose from an aqueous reaction medium in which it has been formed by the nitration of cellulose, the filtrate containing from 0.5 to 4 g/litre of nitrocellulose, which process comprises flocculating nitrocellulose in the filtrate by treating the latter with a cationic polyacrylamide as flocculant and filtering the flocculated nitrocellulose

on a filter having a filter layer which is pre-coated with flocculated nitrocellulose.

CLASS 32E & 152E, I.C. C08g 1/08, C08g 1/09.

137914.

A PROCESS OF MANUFACTURING AN AMPHOTERIC ION EXCHANGE RESIN.

ICI AUSTRALIA LIMITED, OF 1 NICHOLSON STREET, MELBOURNE, VICTORIA, 3001, AUSTRALIA, AND COMMONWEALTH SCIENTIFIC & INDUSTRIAL RESEARCH ORGANIZATION OF LIMESTONE AVENUE, CAMPBELL, AUSTRALIAN CAPITAL TERRITORY.

Application No. 1720/Cal/73 filed July, 23, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims.

A process of manufacturing an amphoteric ion-exchange resin which process comprises firstly polymerising a mixture comprising an ethylenically unsaturated monomer containing a substituted amine or imine group or a non-charged or negatively charged, derivative form thereof, and an ethylenically, unsaturated monomer containing an acidic group or a non-charged or positively charged, derivative thereof provided that the monomers or their derivatives are not of opposite charge, and wherein at least one of the monomers is in the derivative form to form a polymeric material, and secondly subjecting the polymeric material to dilute aqueous acid or dilute aqueous alkali to release the basic or acidic groups from the derivative or derivatives and to form an amphoteric ion-exchange resin having thermally regenerable ion-exchange capacity.

CLASS 32F.e. I.C. C07c 47/26.

137915.

HYDROXYDIHYDROCITRONELLAL SYNTHESIS.

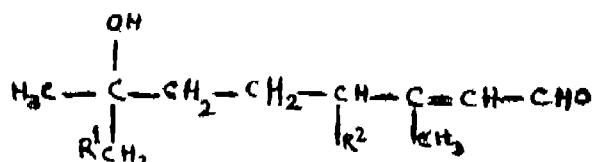
SOCIETE ANONYME DES ETABLISSEMENTS ROURE-BERTRAND FILS & JUSTIN DUPONT, OF 17 BIS RUE LEGENDRE, PARIS, FRANCE.

Application No. 1725/Cal/73 filed July, 24, 1973.

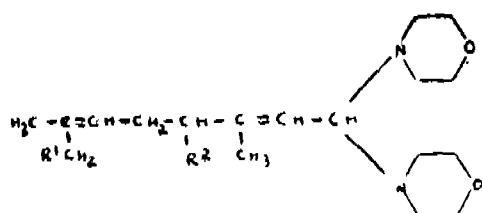
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

A process for the preparation of unsaturated hydroxy aldehydes having the general formula I,



wherein  $\text{R}^1$  and  $\text{R}^2$  or  $\text{R}^3$  are the same or different and represent hydrogen atoms or lower alkyl groups having from 1 to 3 carbon atoms, characterised in that one hydrates in a known manner an aminal having the formula II.



where  $\text{R}^1$  and  $\text{R}^2$  have the meanings given above, to give the corresponding 7-hydroxy-compound followed by removal of the dimorpholino aldehyde-protecting group in a known manner.

CLASS 172F. I.C.-D01d 5/06.

137916.

A METHOD FOR THE MANUFACTURE OF TWISTLESS YARN FROM A SLIVER OR ROVING OF STAPLE FIBRE MATERIAL AND YARN MANUFACTURED BY THE APPLICATION OF THIS METHOD.

HOLLANDSE SIGNALAPPARATEN B.V., OF ZUIDE LIJKE HAVENWEG 40, HENGELO (O), THE NETHERLANDS.

Application No. 2368/Cal/73 filed October 24, 1973.

Convention date October 25, 1972/(49200/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims. No drawings.

A method for the manufacture of twistless yarn from a sliver or roving of staple fibre material, to which a potential adhesive is supplied and whereby, after the mixture so obtained is subjected to the activation of the adhesive properties of the adhesive, said adhesive provides for the bonding of the staple fibre material, wherein said activation occurs before the yarn to be obtained is wound to a package.

CLASS 32C. I.C.-C07G 7/04.

137917.

PROCESS FOR PREPARING AN IRON-SACHCHARIDE COMPLEX.

THE CENTRAL PHARMACAL COMPANY, AT 116-128 EAST THIRD STREET, SEYMORE, INDIANA 47274, UNITED STATES OF AMERICA.

Application No. 146/Cal/74 filed January 21, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims. No drawings.

A process for the efficient preparation of a therapeutically useful complex of iron and dextrin, maltose, or glucose which comprises :

(a) mixing with water, a saccharide substance selected from the group consisting of a low molecular weight dextrin having a dextrose equivalent of above 66, maltose, and glucose and a water soluble ferric iron compound in an amount equivalent to 20 to 65 parts ferric iron per 100 parts of the saccharide substance.

(b) adding an alkali to the mixture to bring the pH to between 11 and 14, maintaining the temperature below 95°C;

(c) stirring the alkaline mixture to assure complete mixing and reaction;

(d) heating the alkaline mixture to between 60° and 95°C until a uniform solution of complex is formed;

(e) adding to the alkaline mixture a non-solvent for the alkaline mixture to precipitate the saccharide-iron complex;

(f) separating the precipitate.

CLASS 32F, I.C. C07c 89/00.

137918.

IMPROVEMENTS IN OR RELATING TO THE PRODUCTION OF CHOLINE CHLORIDE FROM TRIMETHYLAMINE AQUEOUS AND ETHYLENE CHLOROHYDRIN.

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Application No. 661/Cal/74 filed March 26, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

A process for the production of chline chloride which consists in heating aqueous trimethylamine (33%) and ethylene chlorohydrin in a pressure vessel at 70-80°C for 2-2½ hours, followed by drying the reaction mixture on a china dish over a water bath and finally decolouring and crystallizing from isopropanol.

CLASS 17D & 32G, I.C.-C12d 5/06, C12b 1/20, C07d 55/62.  
137919.

A METHOD FOR INCREASING THE VITAMIN B<sub>12</sub> PRODUCTION IN FERMENTATION PROCESSES CARRIED OUT WITH METHANOBACTERIA.

RICHTER GEDEON VEGYESZETI GYAR RT. OF 21, GVOMROI UT, BUDAPEST-X, HUNGARY.

Application No. 2342/Cal/74 filed October 26, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims. No drawings.

A method for increasing the vitamin B<sub>12</sub> production in any of the known methanobacterial fermentation processes using conventional mixed methane-producing bacterium populations under anaerobic conditions, in which in an enrichment period of preferably 4 to 7 days a nutrient concentrate containing mainly inorganic ammonium compounds as nitrogen source together with corn steep liquor concentrate and 5, 6-dimethylbenzimidazole, and mainly methanol as carbon source and having a N:C weight ratio of 1:10 to 1:20, preferably 1:11 to 1:15 is added in daily portions to the fermentation broth so as to increase, the total concentrations of assimilable nitrogen and carbon until the end of the enrichment period and thereafter with an increased vitamin B<sub>12</sub> content in the broth by a factor of maximum 4 (40.000 mcg/1), the fermentation is continued in semicontinuous manner by periodically removing a portion of the fermentation broth and supplementing it with the same volume of fresh nutrient medium containing mainly inorganic ammonium compounds as nitrogen source and mainly methanol as carbon source and having a N:C weight ratio of 1:10 to 1:20 preferably 1:11 to 1:15.

CLASS 32F, I.C.-A61K 25/00.

137920.

PRODUCTION OF SOLID PREPARATIONS CONTAINING CARBOCHROMENF HYDROCHLORIDE.

CASSIJA FARWERKE MAINKUR AKTIENGESELLSCHAFT, OF HANAUER LANDSTRASSE 526, 6 FRANKFURT (MAIN)-FECHENHEIM, WEST GERMANY.

Application No. 2492/Cal/74 filed November 12, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims. No drawings.

Process for the production of a solid preparation containing carbochromene hydrochloride, wherein carbochromene hydrochloride together with 1—30% by weight of filler, 1—20% by weight of swelling and disintegrating agent, 1—10% by weight of flowing and loosening agent, and 10—50% by weight of melting aid are submitted to heating and to intermixing until, in the softening range or melting range of the melting aid, granules are formed therefrom.

CLASS 32F<sub>1</sub>+F<sub>3</sub>b+F<sub>3</sub>b, I.C.-C07d 7/24.

137921.

PROCESS FOR THE PREPARATION OF BIS-CHROMONYL SALTS.

FISONS PHARMACEUTICALS LIMITED, OF 12 DERBY ROAD, LOUGHBOROUGH, LEICESTERSHIRE, ENGLAND.

Application No. 734/Cal/75 filed April 14, 1975.

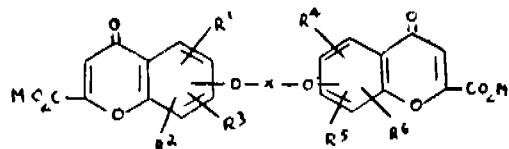
Convention date March 25, 1965/(12626/65) U.K.

Division of Application No. 104449 filed March 22, 1966.

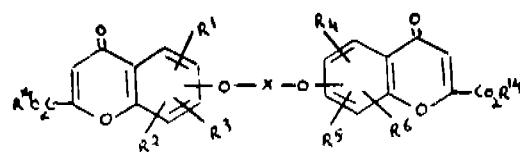
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

A process for the preparation of bis-chromonyl salts of the formula I.



in which R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, R<sup>6</sup> are the same or are different and each is a hydrogen or halogen atom or an alkyl, hydroxy, alkoxy or substituted alkyl or alkoxy group, (for example a hydroxyalkoxy, alkoxyalkoxy or carboxyalkoxy group), and X is a saturated or unsaturated, substituted or unsubstituted, straight or branched polymethylene chain which may be interrupted by one or more carbocyclic or heterocyclic rings, oxygen atoms or carbonyl groups, and where M is a salt forming cation which comprises converting in a manner known *per se* a bis-chromonyl compound of the formula II.



in which R<sup>14</sup> is a hydrogen atom or an alkyl group, to the desired salt.

CLASS 32F,+F<sub>2</sub>b. I.C.-C07d 49/70, A01n 9/22 & 9/36.

137922.

## PROCESS FOR THE PREPARATION OF PYRAZOLINE DERIVATIVES.

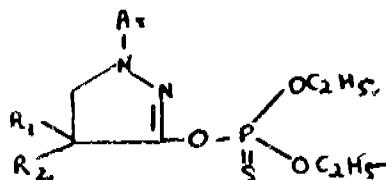
RHONE-POULENC S.A., OF 22, AVENUE MONTAIGNE, PARIS 8F, FRANCE.

Application No. 1572/Cal/74 filed July 15, 1974.

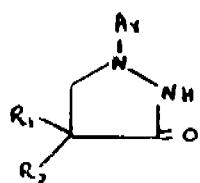
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

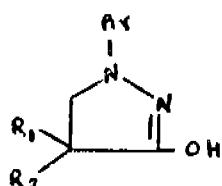
Process for the preparation of pyrazoline derivatives of the general formula shown in Figure I.



(wherein Ar represents a phenyl radical optionally substituted by one, two or three atoms or radicals, which may be the same or different, selected from halogen atoms, alkyl and alkoxy radicals each containing 1 to 4 carbon atoms, the trifluoromethyl radical and the nitro radical, and R<sub>1</sub> and R<sub>2</sub> are the same or different and each represents a hydrogen atom or the methyl radical) which comprises reacting O,O-diethylchlorothiophosphate with a pyrazolidinone of the general formula shown in Figure II.



or in an alkaline medium with an alkali metal derivative of a tautomer of the pyrazolidinone compound of the general formula shown in Figure III.



wherein Ar, R<sub>1</sub> and R<sub>2</sub> are as hereinbefore defined.

CLASS 179A &amp; 195B I.C.-B65d 83/14.

137923.

A METHOD OF AND APPARATUS FOR CHARGING PRESSURISING PROPELLENT INTO A DISPENSING CONTAINER FOR PRESSURISED FLUIDS AND A VALVE ASSEMBLY FOR USE IN SUCH METHOD.

AEROSOL INVENTIONS & DEVELOPMENT S.A. AIDS A, OF 4 BOULEVARD DE PEYROLLES, FRIBOURG, SWITZERLAND.

Application No. 1369/Cal/73 filed June 12, 1973.

Convention date June 13, 1972/(27471/72) U.K.

Addition to No. 120491.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A method of charging pressurising propellant into a dispensing container for pressurised fluids according to claim 3 or any of claims 4 to 9 as appended to claim 3 of the main patent, in which the annular sealing member has its upper end formed with one or more notches or projections so arranged as to allow free passage for the gas inwards between the button and the annular sealing member during charging, even when the button is pushed into contact with the annular sealing members.

CLASS 32F<sub>2</sub>a. I.C.-C07C 67/00.

137924.

## PREPARATION OF ESTERS FROM UNSATURATED ALDEHYDES AND ALCOHOLS.

THE STANDARD OIL COMPANY, OF MIDLAND BUILDING, CLEVELAND, OHIO 44115, UNITED STATES OF AMERICA.

Application No. 2173/Cal/73 filed September 25, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims. No drawings.

In the process for preparing acrylic esters or methacrylic esters consisting of (a) an oxidation reaction where acrolein or methacrolein is reacted with molecular oxygen in the presence of an oxidation catalyst at an elevated temperature to form the corresponding acid, and (b) an esterification reaction where acrylic acid or methacrylic acid is reacted with an alcohol to form the corresponding ester, the improvement comprising: adding an aliphatic or aromatic alcohol of up to about 10 carbon atoms to the oxidation reaction of acrolein or methacrolein in such a manner that the acrylic ester or methacrylic ester is directly formed in the oxidation reaction.

CLASS 29A &amp; 67C. I.C.-G06f 9/00.

137925.

## A PROCESS FOR PRODUCING A MICROPROGRAM OR A SOFT INTERPRETER FOR A COMPUTER.

BURROUGHS CORPORATION, AT SECOND AVENUE AT BURROUGHS, DETROIT, MICHIGAN 48232, U.S.A.

Application No. 2181/72 filed December 18, 1972.

Convention date May 22, 1972/(23954/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

71 Claims.

A machine for executing a process for producing a soft interpreter comprising means for providing a library of microinstructions, means for selecting certain ones of said microinstructions in accordance with the specifications of the environment in which the interpreter is to be used and means for converting the selected microinstructions into machine level code producing an output of the machine level code into a machine readable medium.

CLASS 32F<sub>2</sub>a. I.C.-C07c 59/00.

137926.

## IMPROVEMENTS IN OR RELATING TO PREPARATION OF ALPHA-SUBSTITUTED 3, 4-METHYLENEDIOXYCINNAMOYL DERIVATIVES AS SYNERGISTS FOR PYRETHRINS.

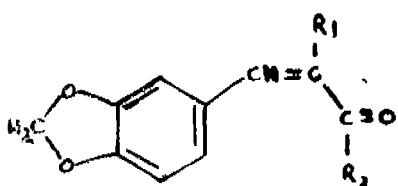
THE DIRECTOR, INDIAN AGRICULTURAL RESEARCH INSTITUTE, NEW DELHI-110012, INDIA.

Application No. 1442/Cal/74 filed June, 27, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A process for the production of a series of alpha substituted 3, 4-methylenedioxycinnamoyl compounds represented by the general formula as shown in Fig. 1.



wherein R<sub>1</sub> represents an alkyl group varying in length of the hydrocarbon chain from C<sub>1</sub>-C<sub>6</sub> and R<sub>2</sub> represents H or -OCH<sub>3</sub>, and wherein piperonal is condensed with reactive aliphatic carbonyl compounds in the presence of a catalyst, the reaction being carried out at elevated temperatures with thorough mixing for a period ranging from 1-15 hours; the final product being obtained by treatment with water, extraction with a water immiscible organic solvent followed by final purification and derivatization by known methods.

CLASS 67C & 105C. I.C.-G01r 31/00. 137927.

#### SOLID STATE FIRST TRIP INDICATOR.

THE FERTILIZER CORPORATION OF INDIA LIMITED, P.O. SINDRI, DISTT. DHANBAD, BIHAR, INDIA.

Application No. 1442/Cal/73 filed June 20, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A solid state first trip indicator adapted to provide a signal or signals upon the occurrence of a fault or a plurality of faults in succession with an associated apparatus or system, said indicator comprising a plurality of circuits corresponding to the number of signals to which said indicator is responsive, each said circuit comprising a pair of contacts consisting of a first and second contact, a flip flop circuit connected to said first contact, a switching circuit connected to said second contact, said first and second contacts responding to a single signal, said flip flop circuit connected to a first illumination means such as a bulb, said switching circuit connected to a second illumination means is operable at any one instant, said circuits being connected to a common D.C. source through a capacitor and whereby if the first illumination means is illuminated in any one of the circuits which is first operable, then only the second illumination means is illuminated in any other circuit or circuits which subsequently then may be in an operable status.

#### CORRECTION OF CLERICAL ERRORS

(1)

Under Section 78(1) of the Patents Act, 1970, certain clerical errors occurring in the application, specification and

Patent in respect of Patents Nos. 132933 were corrected on 8th August, 1975.

(2)

Under Section 78(1) of the Patents Act, 1970, certain clerical errors occurring in the application, specification and patent in respect of Patents No. 134541 were corrected on 8th August, 1975.

#### PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undenoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

(1)

104389 108472 108487 108488 108501 108522 108541 108565  
108694 108834 109195 109208 109230 109275 109345 109485  
109589 109606 109699 109729 109791 109805 109807 109835  
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114638 115266 115358 115447 115751.

(2)

129761 129940 130159 130468 130491 130520 130682 130689  
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132469 132522 132711 132903 132986 133093 133242 133452  
133505 133660 133999 134027 134274 134275 134359 135326  
135377

#### PATENTS SEALED

82539 84683 84684 85126 87733 90561 102724 109953 121570  
127917 134104 134241 134415 134451 134898 135052 135053  
136072 136221 136325 136409 136416 136436 136443 136448  
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136476 136480 136494 136496 136498 136505 136539 136542  
136546 136549 136575 136580 136592 136613 136690 136717

#### AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that International Nickel Limited, a British company of Thames House, Millbank, London, S.W.1, England, have made an application under Section 57 of the Patent Act, 1970 for amendment of Specification of their application for Patent No. 133813 for "A process for the preparation of metal flakes". The amendments are by way of explanation and correction. The application for amendment and the proposed amendments can be inspected free of charge at the

Patent Office, 214, Acharya Jagadish Bose Road, Calcutta 700017, on any working day during the usual Office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of a opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

#### RENEWAL FEES PAID

73491 73792 76152 76723 78273 78881 78968 79049 79075  
 79233 80681 81799 81845 83066 83639 83640 84028 84136  
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 132943 132975 132997 133005 133110 133140 133143 133144  
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 134772 134963 135144 135251 135438 135491 135499 135511  
 135573 135604 135631 135670 135709 136024 136064 136096  
 136160 136207 136253 136270 136374 136377 136384 136386  
 136421 136446 136488 136695 136818

#### CESSATION OF PATENTS

87434 126966 126983 126994 127023 127220 127758 128834  
 128970 139081 129100 129337 129338 129340 129343 129363

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 129995 130049 130174 130236 130249 130250 130259 130284  
 130303 130405 130406 130428 130458 130459 130460 130468  
 130493 130501 130564 130679

#### RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No 130137 granted to National Lead Company, subsequently known as N. L. Industries, Inc., for an invention relating to "Thread-rolling dies and method of manufacturing the dies". The Patent ceased on the 22nd September, 1974 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 22nd January, 1975.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents. The Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-17 on or before the 11th December, 1975 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application for restoration of Patent No. 109899, dated 27th March, 1967 made by Sidhanath Kesheo Palnitkar on the 13th March, 1975 and notified in the Gazette of India, Part III, Section 2, dated the 26th April, 1975 has been allowed and the said Patent restored.

(3)

Notice is hereby given that an application for restoration of Patent No. 131155, dated 27th April, 1971 made by Subbha Nayudo Thirumaleye Swame on the 10th March, 1975 and notified in the Gazette of India, Part III, Section 2, dated the 26th April, 1975 has been allowed and the said patent restored.

#### REGISTRATION OF PATENTS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

Class 9 Nos. 143059, 143060 & 143061. M/s. Sovrin Knit Works, 20/4, Mathura Road, Faridabad (Haryana) a registered partnership firm of Indian Nationality. "The textile goods". May 26, 1975.

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FIVE YEARS

Design Nos. 137229, 137259, 137262, 138414 .....  
..... Class 1.  
Design Nos. 137476, 137477, 137478, 137580, 137690,  
137729, 137730, 137991, 137935, 137992, 137994,  
138068 138562, 138565 & 138752 .....  
..... Class 3.  
Design No. 137423 .. .... Class 4.  
Design Nos. 137697 & 138062 ..... Class 10.

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FIVE YEARS

Design No. 125538 ..... Class 1.  
Design No. 126481 ..... Class 3.  
Design No. 126622 ..... Class 4.  
Design No. 126240 ..... Class 10.

S. VEDARAMAN,  
Controller-General of Patents,  
Designs and Trade Marks.

